

Product datasheet for **MC221762**

Tril (NM_025817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tril (NM_025817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tril
Synonyms:	1200009O22Rik; AI316813; mKIAA0644
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221762 representing NM_025817
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGTGTGGGTGCCGTGCGCTTCTGGCTCGTGGTGTGCGGCTGCCGTGGCGTTCGCCCGCGGGGCCG
 AGTCCGTGTGCCCGAGCGCTGCGACTGCCAGCACCCCAACATCTCCTATGCACCAACAGGGGACTTCG
 CGCTGTACCCAAGACCAGCTCGCTGCTAGTCCCCAGGACGTGCTCACCTACAGCCTAGGCGGCAACTTC
 ATCACCAACATCACCGCTTCGACTTCCACCGTCTGGGGCAGCTCAGACGGCTGGATCTGCAGTACAACC
 AGATCCGTTCTCTCACCCCAAGACCTTCGAGAAGCTCTCAGACTAGAGGAGCTGTACCTGGGGAACAA
 CCTTTGACAGGCGCTCGTTCTTGGCACGTTGGCTCCGCTGCGCAAGTTGCGCATCCTTTACGCCAACGGC
 AACGAGATTGGACGCTGAGTCGCGGGTCTTCGAGGGCTGGAGAGTTTGGTCAAGCTACGGCTGGACG
 GGAACGTGCTGGGAGCGCTGCCGACCGGTCTTCGCTCCCTGGGCAACCTGCTCTACCTACACCTGGA
 ATCTAACCGGATCCGTTTTTTGGGCAAGAACGCCCTTCAGCCAGCTGGGTAAAGCTTCGATTCTCAATCTC
 TCGGCCAACGAGCTGCAACCCTCTGCGCCACGCGGCCACCTTTGTCCCTCTGCGCTCCCTCTCTACTC
 TCATCCTCTCAGCCAACAGCCTACAGCACCTCGGCCCGCGTCTTCCAGCACCTGCCACGCTAGGCCCT
 GCTCTCCCTCAGTGGAAACCAGCTCACGCACCTCGCCCCAGAGGCCTTTTGGGACTGGAGGCCCTACGT
 GAGCTGCGCCTGGAAGGTAACCGGCTGAACCAGCTCCCTGACTGCTGGAGCCTCTGCACAGCTTGG
 AGGCACTAGACCTGAGTGGCAATGAGCTTTCTGCTCTGCACCCTGCCACCTTTGGCCACCAGGGCCGGCT
 CCGTGAGCTCAGCTGCGGACAACCGGCTCAGCGCCCTTTCTGGGGACATCTTTGCCCGCAGTCCGGCT
 CTCTACCGGCTGGATCTAGACGGCAATGGTTGGACCTGCGACTGCCGTTGCGGGGTCTGAAACGCTGGA
 TGGCAACTGGCATTCTCAGGGTCGCTCTTACGGTCTTCGTGACAGTGTGCGCACCCCGCGCCCTGCG
 GGGCAAGTACCTGGATTACCTGGATGACCAACTGCTGCAGAATGGGTCTTGGCTGGATCCCTCACCTTCC
 CCTACAGCAGGCAAGTAGGCAAGTGGCCGCTACCCACATCGTCAGAAGAGGGGATGACGCCCCCTGCAGGCC
 TCTCGCAGGAGCTACCACTGCAGCCGACGCCGAGCCCCAGCAGCGGGGAAGACTTCTACCAGGAGTGGC
 CTGGGGTGGGGTGGCAAGGAAGTGGTGGGCAACCGCAGCGCATTAAAGTTGAGCCGGCGGGGACCAGGT
 CCCCATCAGGGCCCTCTGCTGCGGCTCCGGGCTCTGCCCCACAGTCTTGGACCTGCACGAGAAGCCGG
 GGAGAGGACGTCACCCGAGCCAATCTCTCCAGACGGAGCCACCCCGACGCTGAGCCCGCCTCTGG
 GACACCATCTGCCAGAGACAGCTGGCAGCGCGCAGCAAAGCAGCGCTAGCGTCCGAGCAGCAAGAGAGC
 GCAGTCCAGTCCGTTAGTGGGGTTGGTTTGGCACCTCTGGTGTCTGACCCCTGTGACTTCAACAAATTCA
 TTCTGTGCAACCTGACAGTAGAGGCGGTGAGCGCCAACAGCGCCTCGGTGCGCTGGGCGGTTTCGCGAACA
 CCGCAGTCCCGGCCGAGGGCGGCGCAGCTTCCGCCTGCTTTTCGACCCTTTGGCCAGCAGCCCAAG
 TTCCAGCGCTTCGTCTACCTGCCGGAGCGCAGCGACTCGGCCACGCTGCACGAGCTGCGCGGAGACACC
 CCTACCTAGTATGCGTGGAGGGTGTGCTCGGGGTGCGGTTTGGCCCGTGGCCCCCGAGACCACTGCGC
 AGGGTTAGTAACCCTGCCAGAGGAGGAGGTGAGGTGGCGTCTGACTACCAGCTCCTGACCTTGGTCTTG
 CTGGCTGTCAACGCGCTTCTGGTCTCTGGCACTGGCAGCCTGGGGATCGGATGGCTGCGGAGGAAGC
 TGCGTCCAGGCGGAAGGAGGGGCCCGGTCCACGTTCCGCACATGACTCCACCCGACGGCCACTGCG
 CTCCATGGGCACTGGTGTGTCGCGGACTTCTCAGGCTTCCAGTCCAGTCCAGCCTCCCGCACCACCGTGTGC
 GCGCTCAGCGAGGCCGACCTCATTGAGTCCCTGCGACCCTTTCATGGACAGCACCGCGCGGTGGTACCA
 GTGGCAGCTTGGGCGGGAGGATCACCTCTGCAAGATTGCTGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_025817
Insert Size: 2430 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_025817.4 , NP_080093.1
RefSeq Size:	5377 bp
RefSeq ORF:	2430 bp
Locus ID:	66873
UniProt ID:	Q9DBY4
Cytogenetics:	6 B3
Gene Summary:	Component of the TLR4 signaling complex. Mediate the innate immune response to bacterial lipopolysaccharide (LPS) leading to cytokine secretion (By similarity).[UniProtKB/Swiss-Prot Function]